

**SYSTEM AND METHOD FOR PROVIDING INTEGRATED VOICE AND DATA
SERVICES UTILIZING WIRED CORDLESS ACCESS WITH
UNLICENSED/UNREGULATED SPECTRUM AND WIRED ACCESS WITH
LICENSED/REGULATED SPECTRUM**

Abstract

Systems and methods provide integrated wireless and wired data voice and data services via a dual mode telecommunications device. A dual mode telephone operates as a digital cordless handset of a wired data network in a structure equipped with one or more wireless access points to allow voice over Internet protocol communication via the wired data network. The dual mode telecommunications device also operates as a conventional mobile wireless telephone via a licensed spectrum wireless network when the telephone is moved outside the range of a wireless access point of the user's home or business or other venue.